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RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/501,411A

Source: PU/10

Date Processed by STIC: 7/7/05

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PCT

RAW SEQUENCE LISTING

DATE: 07/07/2005

PATENT APPLICATION: US/10/501,411A

TIME: 13:49:46

Input Set : A:\AI 9248US Sequence Listing.txt

Output Set: N:\CRF4\07072005\J501411A.raw

5 <110> APPLICANT: Cowley, Michael
 6 Cone, Roger
 7 Low, Malcolm
 8 Bulter, Andrew
 9 Bloom, Stephen Robert
 10 Small, Caroline Jane
 11 Batterham, Rachel Louise
 12 Ghatei, Mohammad Ali
 14 <120> TITLE OF INVENTION: Modification of Feeding Behavior Using PYY and GLP-1
 16 <130> FILE REFERENCE: AI 9248US
 18 <140> CURRENT APPLICATION NUMBER: US/10/501,411A
 19 <141> CURRENT FILING DATE: 2004-07-12
 21 <150> PRIOR APPLICATION NUMBER: PCT/GB03/00062
 22 <151> PRIOR FILING DATE: 2003-01-10
 24 <150> PRIOR APPLICATION NUMBER: PCT/US02/31944
 25 <151> PRIOR FILING DATE: 2002-09-24
 27 <150> PRIOR APPLICATION NUMBER: 60/392,109
 28 <151> PRIOR FILING DATE: 2002-06-28
 30 <150> PRIOR APPLICATION NUMBER: GB 0200507.2
 31 <151> PRIOR FILING DATE: 2002-01-10
 33 <160> NUMBER OF SEQ ID NOS: 341
 35 <170> SOFTWARE: PatentIn version 3.1
 37 <210> SEQ ID NO: 1
 38 <211> LENGTH: 36
 39 <212> TYPE: PRT
 40 <213> ORGANISM: Homo sapiens
 42 <400> SEQUENCE: 1
 44 Tyr Pro Ile Lys Pro Glu Ala Pro Gly Glu Asp Ala Ser Pro Glu Glu
 45 1 5 10 15
 47 Leu Asn Arg Tyr Tyr Ala Ser Leu Arg His Tyr Leu Asn Leu Val Thr
 48 20 25 30
 50 Arg Gln Arg Tyr
 51 35
 54 <210> SEQ ID NO: 2
 55 <211> LENGTH: 36
 56 <212> TYPE: PRT
 57 <213> ORGANISM: Homo sapiens
 59 <400> SEQUENCE: 2
 61 Tyr Pro Ser Lys Pro Asp Asn Pro Gly Glu Asp Ala Pro Ala Glu Asp
 62 1 5 10 15
 64 Met Ala Arg Tyr Tyr Ser Ala Leu Arg His Tyr Ile Asn Leu Ile Thr
 65 20 25 30
 67 Arg Gln Arg Tyr

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68          35
71 <210> SEQ ID NO: 3
72 <211> LENGTH: 36
73 <212> TYPE: PRT
74 <213> ORGANISM: Homo sapiens
76 <400> SEQUENCE: 3
78 Ala Ser Leu Glu Pro Glu Tyr Pro Gly Asp Asn Ala Thr Pro Glu Gln
79 1          5          10          15
81 Met Ala Gln Tyr Ala Ala Glu Leu Arg Arg Tyr Ile Asn Met Leu Thr
82          20          25          30
84 Arg Pro Arg Tyr
85          35
88 <210> SEQ ID NO: 4
90 <400> SEQUENCE: 4
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96 <210> SEQ ID NO: 5
97 <211> LENGTH: 36
98 <212> TYPE: PRT
99 <213> ORGANISM: Rattus sp.
101 <400> SEQUENCE: 5
103 Tyr Pro Ala Lys Pro Glu Ala Pro Gly Glu Asp Ala Ser Pro Glu Glu
104 1          5          10          15
106 Leu Ser Arg Tyr Tyr Ala Ser Leu Arg His Tyr Leu Asn Leu Val Thr
107          20          25          30
109 Arg Gln Arg Tyr
110          35
113 <210> SEQ ID NO: 6
114 <211> LENGTH: 36
115 <212> TYPE: PRT
116 <213> ORGANISM: Sus sp.
118 <400> SEQUENCE: 6
120 Tyr Pro Ala Lys Pro Glu Ala Pro Gly Glu Asp Ala Ser Pro Glu Glu
121 1          5          10          15
123 Leu Ser Arg Tyr Tyr Ala Ser Leu Arg His Tyr Leu Asn Leu Val Thr
124          20          25          30
126 Arg Gln Arg Tyr
127          35
130 <210> SEQ ID NO: 7
131 <211> LENGTH: 36
132 <212> TYPE: PRT
133 <213> ORGANISM: Cavia porcellus
135 <400> SEQUENCE: 7
137 Tyr Pro Ser Lys Pro Glu Ala Pro Gly Ser Asp Ala Ser Pro Glu Glu
138 1          5          10          15
140 Leu Ala Arg Tyr Tyr Ala Ser Leu Arg His Tyr Leu Asn Leu Val Thr
141          20          25          30
143 Arg Gln Arg Tyr
144          35
147 <210> SEQ ID NO: 8

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148 <211> LENGTH: 36
149 <212> TYPE: PRT
150 <213> ORGANISM: Rana sp.
152 <400> SEQUENCE: 8
154 Tyr Pro Pro Lys Pro Glu Asn Pro Gly Glu Asp Ala Ser Pro Glu Glu
155 1 5 10 15
157 Met Thr Lys Tyr Leu Thr Ala Leu Arg His Tyr Ile Asn Leu Val Thr
158 20 25 30
160 Arg Gln Arg Tyr
161 35
164 <210> SEQ ID NO: 9
165 <211> LENGTH: 36
166 <212> TYPE: PRT
167 <213> ORGANISM: Raja sp.
169 <400> SEQUENCE: 9
171 Tyr Pro Pro Lys Pro Glu Asn Pro Gly Asp Asp Ala Ala Pro Glu Glu
172 1 5 10 15
174 Leu Ala Lys Tyr Tyr Ser Ala Leu Arg His Tyr Ile Asn Leu Ile Thr
175 20 25 30
177 Arg Gln Arg Tyr
178 35
181 <210> SEQ ID NO: 10
182 <211> LENGTH: 36
183 <212> TYPE: PRT
184 <213> ORGANISM: Dogfish sp.
186 <400> SEQUENCE: 10
188 Tyr Pro Pro Lys Pro Glu Asn Pro Gly Glu Asp Ala Pro Pro Glu Glu
189 1 5 10 15
191 Leu Ala Lys Tyr Tyr Ser Ala Leu Arg His Tyr Ile Asn Leu Ile Thr
192 20 25 30
194 Arg Gln Arg Tyr
195 35
198 <210> SEQ ID NO: 11
199 <211> LENGTH: 36
200 <212> TYPE: PRT
201 <213> ORGANISM: Lampetra sp.
203 <400> SEQUENCE: 11
205 Phe Pro Pro Lys Pro Asp Asn Pro Gly Asp Asn Ala Ser Pro Glu Gln
206 1 5 10 15
208 Met Ala Arg Tyr Lys Ala Ala Val Arg His Tyr Ile Asn Leu Ile Thr
209 20 25 30
211 Arg Gln Arg Tyr
212 35
215 <210> SEQ ID NO: 12
216 <211> LENGTH: 36
217 <212> TYPE: PRT
218 <213> ORGANISM: Petromyzontidae gen. sp.
220 <400> SEQUENCE: 12
222 Met Pro Pro Lys Pro Asp Asn Pro Ser Pro Asp Ala Ser Pro Glu Glu

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223 1           5           10           15
225 Leu Ser Lys Tyr Met Leu Ala Val Arg Asn Tyr Ile Asn Leu Ile Thr
226           20           25           30
228 Arg Gln Arg Tyr
229           35
232 <210> SEQ ID NO: 13
233 <211> LENGTH: 36
234 <212> TYPE: PRT
235 <213> ORGANISM: Rattus sp.
237 <400> SEQUENCE: 13
239 Tyr Pro Ser Lys Pro Asp Asn Pro Gly Glu Asp Ala Pro Ala Glu Asp
240 1           5           10           15
242 Met Ala Arg Tyr Tyr Ser Ala Leu Arg His Tyr Ile Asn Leu Ile Thr
243           20           25           30
245 Arg Gln Arg Tyr
246           35
249 <210> SEQ ID NO: 14
250 <211> LENGTH: 36
251 <212> TYPE: PRT
252 <213> ORGANISM: Oryctolagus cuniculus
254 <400> SEQUENCE: 14
256 Tyr Pro Ser Lys Pro Asp Asn Pro Gly Glu Asp Ala Pro Ala Glu Asp
257 1           5           10           15
259 Met Ala Arg Tyr Tyr Ser Ala Leu Arg His Tyr Ile Asn Leu Ile Thr
260           20           25           30
262 Arg Gln Arg Tyr
263           35
266 <210> SEQ ID NO: 15
267 <211> LENGTH: 36
268 <212> TYPE: PRT
269 <213> ORGANISM: Canis familiaris
271 <400> SEQUENCE: 15
273 Tyr Pro Ser Lys Pro Asp Asn Pro Gly Glu Asp Ala Pro Ala Glu Asp
274 1           5           10           15
276 Met Ala Arg Tyr Tyr Ser Ala Leu Arg His Tyr Ile Asn Leu Ile Thr
277           20           25           30
279 Arg Gln Arg Tyr
280           35
283 <210> SEQ ID NO: 16
284 <211> LENGTH: 36
285 <212> TYPE: PRT
286 <213> ORGANISM: Sus sp.
288 <400> SEQUENCE: 16
290 Tyr Pro Ser Lys Pro Asp Asn Pro Gly Glu Asp Ala Pro Ala Glu Asp
291 1           5           10           15
293 Leu Ala Arg Tyr Tyr Ser Ala Leu Arg His Tyr Ile Asn Leu Ile Thr
294           20           25           30
296 Arg Gln Arg Tyr
297           35

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300 <210> SEQ ID NO: 17
301 <211> LENGTH: 36
302 <212> TYPE: PRT
303 <213> ORGANISM: Bos taurus
305 <400> SEQUENCE: 17
307 Tyr Pro Ser Lys Pro Asp Asn Pro Gly Glu Asp Ala Pro Ala Glu Asp
308 1 5 10 15
310 Leu Ala Arg Tyr Tyr Ser Ala Leu Arg His Tyr Ile Asn Leu Ile Thr
311 20 25 30
313 Arg Gln Arg Tyr
314 35
317 <210> SEQ ID NO: 18
318 <211> LENGTH: 36
319 <212> TYPE: PRT
320 <213> ORGANISM: Ovis aries
322 <400> SEQUENCE: 18
324 Tyr Pro Ser Lys Pro Asp Asn Pro Gly Asp Asp Ala Pro Ala Glu Asp
325 1 5 10 15
327 Leu Ala Arg Tyr Tyr Ser Ala Leu Arg His Tyr Ile Asn Leu Ile Thr
328 20 25 30
330 Arg Gln Arg Tyr
331 35
333 <210> SEQ ID NO: 19
334 <211> LENGTH: 36
335 <212> TYPE: PRT
336 <213> ORGANISM: Cavia porcellus
338 <400> SEQUENCE: 19
340 Tyr Pro Ser Lys Pro Asp Asn Pro Gly Glu Asp Ala Pro Ala Glu Asp
341 1 5 10 15
343 Met Ala Arg Tyr Tyr Ser Ala Leu Arg His Tyr Ile Asn Leu Ile Thr
344 20 25 30
346 Arg Gln Arg Tyr
347 35
350 <210> SEQ ID NO: 20
351 <211> LENGTH: 36
352 <212> TYPE: PRT
353 <213> ORGANISM: Avian
355 <400> SEQUENCE: 20
357 Tyr Pro Ser Lys Pro Asp Ser Pro Gly Glu Asp Ala Pro Ala Glu Asp
358 1 5 10 15
360 Met Ala Arg Tyr Tyr Ser Ala Leu Arg His Tyr Ile Asn Leu Ile Thr
361 20 25 30
363 Arg Gln Arg Tyr
364 35
367 <210> SEQ ID NO: 21
368 <211> LENGTH: 36
369 <212> TYPE: PRT
370 <213> ORGANISM: Rana sp.
372 <400> SEQUENCE: 21

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RAW SEQUENCE LISTING ERROR SUMMARY
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Input Set : A:\AI 9248US Sequence Listing.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:220; Xaa Pos. 1
Seq#:222; Xaa Pos. 1
Seq#:223; Xaa Pos. 1
Seq#:225; Xaa Pos. 1
Seq#:229; Xaa Pos. 1
Seq#:231; Xaa Pos. 1
Seq#:233; Xaa Pos. 1
Seq#:242; Xaa Pos. 1
Seq#:243; Xaa Pos. 1
Seq#:244; Xaa Pos. 1
Seq#:246; Xaa Pos. 1
Seq#:247; Xaa Pos. 1
Seq#:250; Xaa Pos. 1
Seq#:251; Xaa Pos. 1
Seq#:254; Xaa Pos. 1
Seq#:256; Xaa Pos. 25
Seq#:261; Xaa Pos. 13
Seq#:262; Xaa Pos. 5
Seq#:264; Xaa Pos. 15
Seq#:265; Xaa Pos. 13,15
Seq#:268; Xaa Pos. 13,15
Seq#:270; Xaa Pos. 6
Seq#:271; Xaa Pos. 1
Seq#:272; Xaa Pos. 6
Seq#:273; Xaa Pos. 6
Seq#:276; Xaa Pos. 6
Seq#:277; Xaa Pos. 6
Seq#:280; Xaa Pos. 15
Seq#:281; Xaa Pos. 6
Seq#:282; Xaa Pos. 6
Seq#:294; Xaa Pos. 5
Seq#:297; Xaa Pos. 11
Seq#:302; Xaa Pos. 3,7,9,10,14,15
Seq#:303; Xaa Pos. 3,7,10,14,15
Seq#:304; Xaa Pos. 3,7,9,10,14,15
Seq#:305; Xaa Pos. 3,7,10,14,15
Seq#:306; Xaa Pos. 11,12
Seq#:308; Xaa Pos. 7,10,14,15
Seq#:309; Xaa Pos. 3,7,10,14,15
Seq#:322; Xaa Pos. 5
Seq#:328; Xaa Pos. 6

VERIFICATION SUMMARY

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Input Set : A:\AI 9248US Sequence Listing.txt

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L:92 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (4) SEQUENCE:
L:3437 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:220 after pos.:0
L:3495 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:222 after pos.:0
L:3527 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:223 after pos.:0
L:3585 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:225 after pos.:0
L:3696 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:229 after pos.:0
L:3755 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:231 after pos.:0
L:3813 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:233 after pos.:0
L:4060 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:242 after pos.:0
L:4092 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:243 after pos.:0
L:4118 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:244 after pos.:0
L:4171 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:246 after pos.:0
L:4202 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:247 after pos.:0
L:4282 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:250 after pos.:0
L:4313 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:251 after pos.:0
L:4392 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:254 after pos.:0
L:4436 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:256 after pos.:16
L:4543 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:261 after pos.:0
L:4572 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:262 after pos.:0
L:4625 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:264 after pos.:0
L:4659 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:265 after pos.:0
L:4741 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:268 after pos.:0
L:4794 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:270 after pos.:0
L:4823 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:271 after pos.:0
L:4852 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:272 after pos.:0
L:4881 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:273 after pos.:0
L:4959 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:276 after pos.:0
L:4988 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:277 after pos.:0
L:4996 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (278) SEQUENCE:
L:5049 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:280 after pos.:0
L:5078 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:281 after pos.:0
L:5108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:282 after pos.:0
L:5116 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (283) SEQUENCE:
L:5124 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (284) SEQUENCE:
L:5132 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (285) SEQUENCE:
L:5140 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (286) SEQUENCE:
L:5148 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (287) SEQUENCE:
L:5156 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (288) SEQUENCE:
L:5305 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:294 after pos.:0
L:5382 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:297 after pos.:0
L:5532 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:302 after pos.:0
L:5581 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:303 after pos.:0
L:5635 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:304 after pos.:0
L:5684 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:305 after pos.:0
L:5718 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:306 after pos.:0
L:5786 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:308 after pos.:0
L:5835 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:309 after pos.:0
L:5988 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:315,Line#:5986

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L:6103 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:322 after pos.:0
L:6242 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:328 after pos.:0